DEPARTMENT OF GENERAL SERVICES

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| ADVISORY: 4191    |       Software Support         | DATE: 07/05/95 |
|_____|       DATA OPERATIONS TEAM     |_____|
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| TITLE: Printing JES Sysout Data to a VTAM Host Addressable Printer    |
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| Purpose  |
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To announce a new feature of the DGS mainframe computer that allows
users the ability to print JES sysout data directly to a VTAM host
addressable printer without having to utilize the VM Operating System.

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| Definitions  |
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VTAM Host Addressable Printer	A printer that has been defined to the DGS network communications system. When defined, the printer will be given a unique ID using the format CDPG---. eg. CDPG123.
JES Sysout Data	Data from a batch job that is defined in the JCL using the SYSOUT parameter of the DD statement. eg. //MYDATA DD SYSOUT=A
Writer	A name of a program that is used to control the printing of sysout data. It is an optional keyword of the SYSOUT parameter. eg. //MYDATA DD SYSOUT=(A,WRITER)
JES Destination	The name of a printer where the sysout data from a batch job is to be routed. It is specified in the JCL using the DEST parameter. eg. //MYDATA DD SYSOUT=A,DEST=CDPG123

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| Description  |
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DGS Data Operations has purchased the VTAM Printer Support System (VPS)
which allows mainframe users the ability to route JES sysout data
directly from a batch job to a VTAM host addressable printer. Prior to
VPS, all sysout data that was sent to a VTAM host addressable printer

had to be routed through the VM Operating System. Along with eliminating the need to utilize the VM System, VPS allows the user to specify additional options such as special forms control, forms control buffer (FCB) support, page orientation and font selection.

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| Implementation |
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The steps necessary to utilize the VPS system are:

1) Have the printer defined to VPS by notifying the DGS Data Operations Software Support staff. The name, type and special characteristics and options applicable to the printer will be required.

2) Modify your JCL. The DD SYSOUT statement that references the data to be printed will need to specify a JES destination with the appropriate printer name. Optionally, a writer name may be coded to send commands to the printer to perform certain actions, such as choosing a page orientation or a specific font. VPS supplies a select number of writers that may be utilized to perform these additional options. A list of the writers and the type of printers that support them are available on request from DGS Data Operations Software Support.

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| Examples      |
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This is an example of the JCL statement that was previously used to send sysout data to a VTAM host addressable printer:

```
        //DDNAME   DD   SYSOUT=A,DEST=(CDPVM,CDPG123)
```

With VPS, you will now code the JCL statement this way:

```
        //DDNAME   DD   SYSOUT=A,DEST=CDPG123
```

To utilize one of the writer programs that VPS supplies you would code the JCL statement this way:

```
        //DDNAME   DD   SYSOUT=(A,GOTHICL),DEST=CDPG123
```